



WTSL-SN-1 Alarm Control Unit with Wi-Safe 2®
Installation and User Guide

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For use with Wi-Safe 2 Smoke, Heat and Carbon Monoxide Alarms

PLEASE READ THIS GUIDE IN FULL BEFORE USING YOUR WTSL-SN-1 ALARM CONTROL UNIT!

This user guide is also available in large text and other formats. Please call **0800 171 2009** for further information.

Battery powered Alarm Control Unit with Test, Silence, Locate function. Non-replaceable 3V DC battery.

W2 module contained within product independently tested to RF standard ETSI EN 300 220-2 V2.3.2 (2010-02) by TRaC Global Ltd.

Email: **technicalsupport@sonasafety.com** / Web: **www.sonasafety.com**

Technical Support Line: **0800 171 2009**



A Sprue Brand

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INSTALLATION GUIDE




Features	4
Positioning	6
Installation.	6
Wireless Interlink	8
Making the Alarm Control Unit Tamper Proof	10

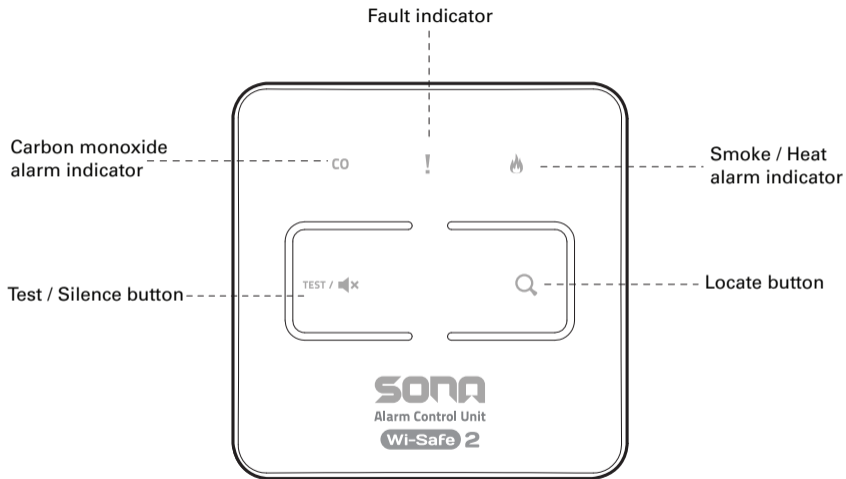
USER GUIDE

Testing the Alarm System	12
Product Functionality	13
When an Alarm Sounds	17
LED Indicators.	18
Troubleshooting.	20
Maintenance.	21
Disposal	22
Warranty.	23

INSTALLATION GUIDE

FEATURES

- Wi-Safe 2® technology, enabling wireless interlinking between other Wi-Safe 2 products.
- Test / Silence ( / ) button, allowing you to regularly test all wirelessly interlinked alarms on a network. Pressing the silence button will reduce the sensitivity of alarms for up to 10 minutes, unless carbon monoxide has been detected, in which case you can use the 'Locate' function below to find the source alarm.
- Locate button (), allowing you to silence all alarms but the initiating alarm, during an alarm condition. During a fault condition, this feature will allow you to locate the alarm in fault, in a similar way.
- 5 year warranty.



POSITIONING

This Alarm Control Unit is suitable for use in domestic premises only. It should be installed at an accessible point on the wall, in a location where it will not be accidentally operated or knocked. The Alarm Control Unit should be installed at a distance of approximately 1.4m from the floor, lower if required, so that it is fully accessible.

INSTALLATION

- Ensure this Alarm Control Unit is installed by a competent person who feels able to install it according to the instructions.
- Read all installation instructions prior to installing this product.

WARNING: To prevent injury, this Alarm Control Unit must be securely attached to the wall in accordance with the installation instructions.

To mount the bracket onto a wall:

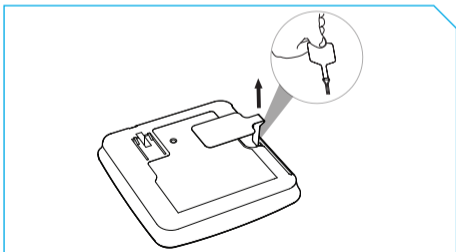
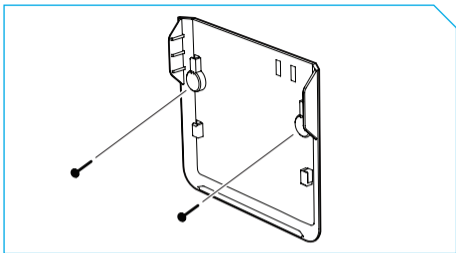
Please ensure that you use the screws provided, as they were chosen specifically for use with this product. Drill holes into the wall and insert suitable wall plugs. Screw the bracket in place.

ACTIVATING THE ALARM CONTROL UNIT

The Alarm Control Unit has a sealed-in non-replaceable battery. To activate the control unit remove the disabling clip.

Upon activating the control unit all three LED's should simultaneously flash twice, to indicate that they are working.

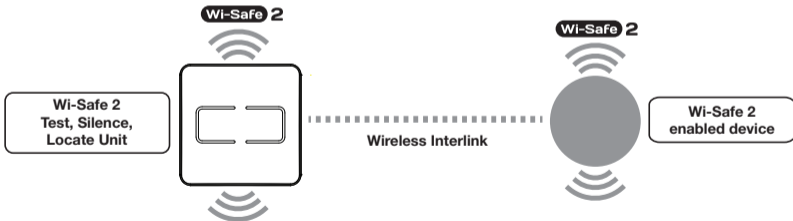
Once the alarm is activated it is at this stage you will need to connect it into the wireless network, before securing to the wall bracket.



WIRELESS INTERLINK

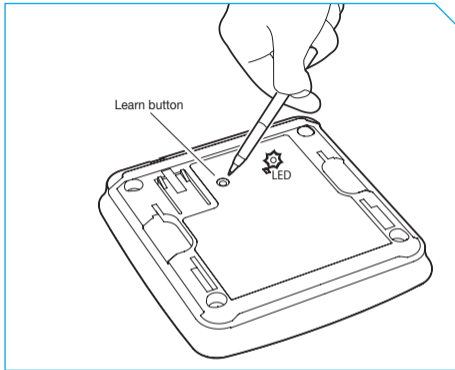
The Alarm Control Unit is designed to be used as a remote interface between up to 50 products within the Wi-Safe 2 product range. The Alarm Control Unit can be used to test, silence or locate any alarms on the Wi-Safe 2 network. It is not designed to communicate with wireless alarms from other ranges or manufacturers. The control unit needs to be 'learned-in' or interlinked, in order to communicate within the network.

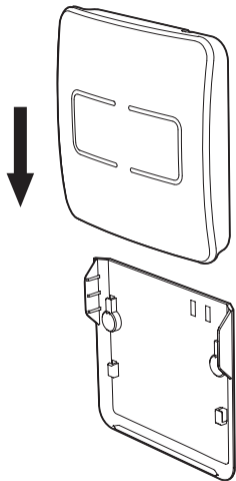
Wi-Safe2 enables wireless communication with any other product with Wi-Safe2 technology inside. When one alarm detects smoke/heat/carbon monoxide, the wireless module inside sends a wireless signal to all the connected alarms, ensuring almost instantaneous reaction across the network.



HOW TO 'LEARN-IN' THE ALARM CONTROL UNIT TO A WIRELESS NETWORK:

1. Using a ballpoint pen, briefly push and release the 'learn button' on the back of the control unit. The red LED next to the learn button will flash briefly then light up for approximately 5 seconds.
2. During these 5 seconds you need to briefly press the test button on an alarm already in the network, to wirelessly interlink the two. The alarm will give an audible sound consisting of two cycles of three loud beeps.
3. The red LED on the back of the control unit will flash to indicate that it has been 'learned-in' successfully. If the test button is not pressed quickly enough, the 'learn-in' process will fail. If this happens, repeat the process.





4. To complete the installation simply slide the control unit onto the bracket until it clicks into place. The control unit is now part of the whole network.

The method above assumes you have already installed your alarm network, prior to installing your Alarm Control Unit. If you want to install your Alarm Control Unit first, you can learn your smoke, heat and CO alarm into it by following the instructions in your alarm manual, using the Alarm Control Unit as alarm 1 and holding the Test button of the Alarm Control Unit for at least 2 seconds.

MAKING THE ALARM CONTROL UNIT TAMPER PROOF

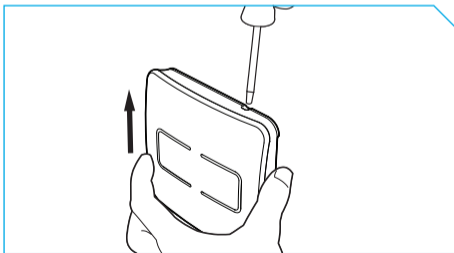
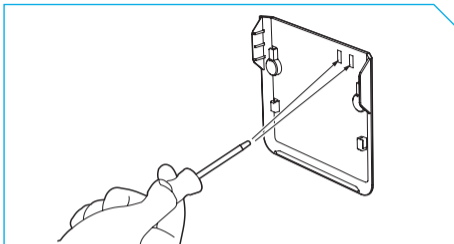
Do not complete this action until you have wirelessly interlinked all of your alarms.

The Alarm Control Unit is provided with an anti-tamper feature, ensuring, where needed it cannot be removed from the wall.

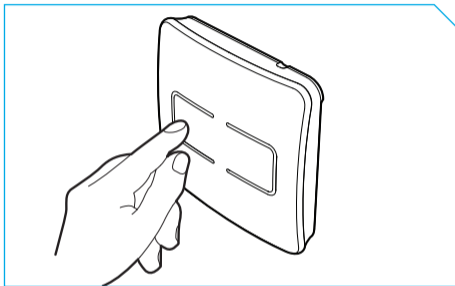
To make use of this feature you will need to tap out the two blanking plates on the top right-hand side of the bracket, using a small screwdriver, being careful to support the bracket fully whilst doing so.

Once the rest of the installation is complete, and the control unit is fixed to the bracket it can only be removed using the following method:



Insert a small screwdriver into the hole on the top right-hand corner of the control unit, until it stops, this will disengage the lock, then gently ease the control unit up to release it from the








USER GUIDE




TESTING THE ALARM SYSTEM

Press the Test / Silence (TEST / ) button to confirm that the control unit is operating properly. This will instigate a three minute test. All networked alarms should sound. To stop the test (earlier than 3 minutes), simply press the Test / Silence (TEST / ) button again. This test should be performed on a weekly basis.


PRODUCT FUNCTIONALITY

Function	Description
TEST /  Test/Silence button	<p>Test button: This allows you to test all wirelessly interlinked alarms from one centralised location.</p> <p>Silence button: This will silence all wirelessly interlinked smoke and heat alarms and reduce the system sensitivity for up to 10 minutes.</p>
 Locate button	This will silence all wirelessly interlinked alarms except the initiating alarm which has sensed carbon monoxide / smoke.
 Smoke/heat alarm indicator	This indicates that a smoke/heat alarm has been activated.
 Carbon monoxide indicator	This indicates that a carbon monoxide alarm has been activated.
 Fault indicator	This indicates a fault with the control unit or one of the alarms within the network.


LOCATE BUTTON


If the alarms are sounding and an alarm indicator is flashing, but there's no obvious hazard, pressing the 'Locate' button () will silence all wirelessly interlinked alarms except for the initiating alarm which has sensed smoke/heat or carbon monoxide. After two minutes the system will return to normal operation and the alarms will continue to sound if smoke/heat or carbon monoxide is still present. To make locating the alarm easier, the control unit can be removed from its bracket and carried around the property (providing the tamper proof function has not been engaged), allowing you to press the 'Locate' or 'Test' button whilst moving from room to room.

SILENCE BUTTON

If the alarms are sounding and the smoke / heat alarm indicator is flashing, but there's no obvious hazard, pressing the 'Silence' button () will silence all wirelessly interlinked alarms and reduce the system sensitivity for up to 10 minutes. However if excessive smoke is sensed the silence function will be overridden. The indicator will continue to flash unless the smoke disappears. **Please Note:** An alarm cannot be silenced using the Alarm Control Unit if carbon monoxide has been detected, however the 'Locate' function will allow you to find out which of the CO alarms is the initiating alarm.

ALARM MEMORY

If one of the alarm indicators is flashing every 10 seconds this indicates that a smoke alarm, heat alarm or carbon monoxide alarm has previously been activated. Pressing the 'Locate' button () will sound the source alarm so you can investigate this further. The LED will continue to

flash for 10 minutes after the 'Locate' button () is pressed for the first time, allowing you to press the button repeatedly until the source alarm is identified. After 10 minutes the flashing LED's will clear (fully compatible with the SONA Wi-Safe 2 smoke, heat and CO alarms).

FAULT DETECTION

1. Identifying a Faulty Alarm in the Network

If the amber fault LED and a red alarm LED are flashing this indicates that an alarm on the network has developed a fault. To identify the faulty alarm press the 'Locate' button and the alarm in fault will sound an 'SOS' sound pattern. If the fault can't be rectified you must 'un-learn' it from the network - see 1a below.

1a. Removing a Faulty Alarm from the Network

To remove a faulty alarm from the network you will need to perform a button press sequence consisting of a short press followed by a long press.

Using a ball point pen in the circular 'learn-in' hole in the back of the alarm, briefly push and release and then push and hold the 'learn-in' button. The red LED will remain illuminated during this process. When the red LED goes out, release the button, it will then flash twice, followed by three further flashes to illustrate that the alarm has successfully been 'un-learnt' from the network.

Once the faulty unit has been 'un-learnt' the Alarm Control Unit will continue to flash for up to 24 hours. After which the flash pattern will change to a triple flash, at this point follow the process described in **2a 'Deleting a Faulty Alarm from the Alarm Control Unit's Memory'**.

2. Identifying an Alarm in the Network which has Lost Communication with the Alarm Control Unit

If the amber fault LED is triple flashing every second this shows that an alarm on the network has lost communication with the Alarm Control Unit. To identify the alarm in question press the 'TEST' button on the Alarm Control Unit. All alarms in the network will sound a test pattern, **except the alarm which has lost communication**. If this fault cannot be resolved you will need to delete the alarm from the Alarm Control Unit's memory, see 2a below.

2a. Deleting a Faulty Alarm from the Alarm Control Unit's Memory

To delete the alarm from the Alarm Control Unit's memory, simply press and hold the 'Locate' button for 5 seconds. The Alarm Control Unit will stop flashing and the faulty alarm will be deleted from the memory. It will take the Alarm Control Unit 2 minutes to reconfigure its memory. During this period the 'Test' and 'Locate' functions will be disabled.

WHEN AN ALARM SOUNDS

Never ignore an alarm.

If there is a fire evacuate the premises and call the fire brigade. If the source of the alarm is not immediately apparent check which indicator is flashing on the control unit.

If the CO indicator is flashing:

- Keep calm and open the doors and windows to ventilate the property.
- Stop using all fuel burning appliances and ensure, if possible, that they are turned off.
- Evacuate the property leaving the doors and windows open.
- Ring your gas or other fuel supplier on their emergency number; keep the number in a prominent place.

LED INDICATORS

Red CO LED	Red Smoke / Heat LED	Amber Fault LED	Status	Action required
Flashing for 10 seconds, every hour	Flashing for 10 seconds, every hour	Flashing for 10 seconds, every hour	The Alarm Control Unit is not part of a network.	Please refer to the 'Wireless Interlink' section to 'learn-in' the control unit to the network.
Flashing rapidly every second			Alarm: A carbon monoxide leak has been detected.	Keep calm and open the doors and windows to ventilate the property.
	Flashing rapidly every second		Alarm: Smoke/heat has been detected.	Keep calm and evacuate the property.
		Flashing once every 5 seconds	Low battery condition or the end of the product life.	The control unit should be replaced as soon as possible.
		Flashing rapidly	This indicates an internal fatal radio failure.	Please contact Technical Support on: 0800 171 2009 or technicalsupport@sonasafety.com .

Either the carbon monoxide indicator or the smoke / heat indicator is flashing every 10 seconds		This indicates that one of the alarms has previously been activated.	Please refer to the 'Locate' section of this manual.
Either the carbon monoxide indicator or the smoke / heat indicator is flashing	Triple flashing every second	An alarm on the network has lost communication with the Alarm Control Unit.	Please refer to 'Identifying an Alarm in the Network which has Lost Communication with the Alarm Control Unit'.
Either the carbon monoxide indicator or the smoke / heat indicator is flashing	Double flashing every second	An alarm on the network has developed a fault.	Please refer to 'Identifying a Faulty Alarm in the Network'.

TROUBLESHOOTING

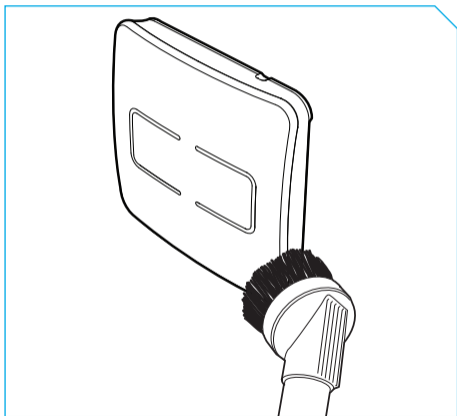
Issue	Indication
No lights come on when I press any of the buttons on the Alarm Control Unit	Nothing will happen if you are pressing the 'Locate' button when there's no alarm or fault condition. This may indicate that the control unit has not been successfully activated, see section 'Activating the Alarm Control Unit'.
When pressing the test button nothing is happening	This indicates that the control unit has not been successfully activated, see section 'Activating the Alarm Control Unit'.
Unable to remove the control unit from its bracket	You need to disengage the locking pins. Refer to the 'Making the Alarm Control Unit Tamper proof' section.

MAINTENANCE

This Alarm Control Unit will act as a remote interface between the alarms in your home when maintained properly. To ensure the reliability of the control unit:

- Keep the control unit free from dust by gently vacuuming the case with a soft brush attachment every 3 months.
- Never use cleaning solutions on the control unit. Simply wipe with a damp cloth.
- Do not paint the control unit.
- Do not spray aerosols on or near the control unit.
- Do not use any solvent based products near the control unit.
- Do not attempt to repair the control unit.
- Do not attempt to change the battery.

- Do not remove any screws or open the main casing of the control unit. Any attempt to do so may cause malfunction and will invalidate the warranty.



DISPOSAL

Waste electrical products should not be disposed of with your other household waste. The Alarm Control Unit is ideally suited for disposal within the waste electronic and electrical equipment (WEEE) recycling scheme. Please recycle where facilities exist. Check with your local authority, retailer or contact our Technical Support team for recycling/disposal advice, as regional variations apply.

WARNING: Do not burn or dispose of in fire. **WARNING:** If your Alarm Control Unit is dropped or damaged, as a precaution, it should be removed from the building and you should contact Technical Support on **0800 171 2009** or **technicalsupport@sonasafety.com**.

WARRANTY

Sprue Safety Products Ltd warrants to the original purchaser that the enclosed WTSL-SN-1 Alarm Control Unit be free from defects in materials and workmanship under normal residential use and service for a period of five years from the date of purchase. Provided it is returned with postage prepaid and proof of purchase date, Sprue Safety Products Ltd hereby warrants that during the five year period commencing from the date of purchase Sprue Safety Products Ltd, at its discretion, agrees to replace the unit free of charge. The warranty on any replacement WTSL-SN-1 control unit, will last for the remainder of the period of the original warranty in respect of the unit originally purchased – that is from the date of original purchase and not from the date of receipt of the replacement product. Sprue Safety Products Ltd reserves the right to offer an alternative product similar to that being replaced if the original model is no longer available or in stock. This warranty applies to the original retail purchaser from the date of original retail purchase and is not transferable. Proof of purchase is required. This warranty does not cover damage resulting from accident, misuse, disassembly, abuse or lack of reasonable care of the product, or applications not in accordance with the user guide. It does not cover events and conditions outside of Sprue Safety Products Ltd's control, such as Acts of God (fire, severe weather etc.). It does not apply to retail stores, service centres or any distributors or agents. Sprue Safety Products Ltd will not recognise any changes to this warranty by third parties. Sprue Safety Products Ltd shall not be liable for any incidental or consequential damages caused by the breach of any expressed or implied warranty. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose is limited in duration for five years. This warranty does not affect your statutory rights. Except for death or personal injury, Sprue Safety Products Ltd shall not be liable for any loss of use, damage, cost or expense relating to this product or for any indirect or consequential loss, damages or costs incurred by you or any other user of this product.



Carbon Monoxide Alarm
Wireless: **WCOB-SN-1**



Heat Alarm
Wireless: **WHM-SN-1**
Non-Wireless: **HM-SN-1**



Smoke Alarm
Wireless: **WSM-SN-1**
Non-Wireless: **SM-SN-1**



Alarm Control Unit
Wireless: **WTSL-SN-1**

Wi-Safe[®] 2

Available on all wireless products